

**ABSTRACT**

An artificial turf system that includes a base and a turf assembly. The base is readily constructed, at least in part, from naturally occurring ground elements that are present upon initiation of the construction of the base. The base is constructed to include a drainage  
5 mechanism that is disposed near the surface of the base. The turf assembly is laid out upon the base and is constructed to pass fluid, e.g., water, therethrough such that the fluid is specifically directed to the drainage mechanism of the base as it moves through the turf assembly. The turf assembly includes a plurality of layers such as an impermeable moisture barrier layer, a drainage layer, a filtering layer, and a turf mat.

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